

**METHOD, SYSTEM, AND PROGRAM PRODUCT FOR ROBUSTLY ASSIGNING
DEVICE IDENTIFIERS**

ABSTRACT OF THE DISCLOSURE

Method, system, and program product for assigning device identifiers. A device requests a device identifier from a server. The server obtains the device identifier, marks a status of the device identifier as pending, and sends it to the device. The device sends an acknowledgment back to the server. The server then marks the status of the device identifier as in use and sends a confirmation to the device. The device starts to use the device identifier after receiving the confirmation.